

ABSTRACT

An apparatus and method that provides improved statistics collection for high bandwidth interfaces supporting multiple connections. Statistics are counted for a plurality of connections. A determination is made to determine if a count value for each of the connections is greater than or equal to a threshold.

- 5 Statistics are collected for connections having a determined count value greater than or equal to the threshold before connections having a count value below the threshold. The apparatus and method can thus avoid data loss and reduce wasted processing time in maintaining reliable and accurate statistics for multiple connection supported by a network switch or interface.